

ABSTRACT OF THE DISCLOSURE

Two-part fixatives are provided in conjunction with overcoating at least one ink-jet ink printed on a print medium and comprise (1) at least one first reactive component comprising a reactive monomer or oligomer, the reactive species selected from the group consisting of iso-cyanates and epoxy-terminated oligomers, optionally in a vehicle, and (2) at least one second component selected from the group consisting of polyols and polyvinyl alcohols, plus one or more base catalysts, optionally in a vehicle. The two components and catalyst(s) are deposited on the print medium on which the ink-jet ink has been printed, and react to form a hydrophobic polymer overcoating the printed ink and having a glass transition temperature within a range of -20°C to +50°C and a melting temperature within a range of 30°C to 100°C.